STIC-Biotech/ChemLib

152289

From:

Swope, Sheridan

Sent:

Monday, May 02, 2005 8:32 PM

To: Cc: STIC-Biotech/ChemLib Schreiber, David

Subject:

09/940,235

Hello!!

For 09/940,235 pls do the following interference search.

SID 2, residues 16-383, against the NT and AA data bases.

For any hits that have 100% homology with residues 16-383 of SID 2, please do the following.

- (1) Align SID 4, residues 1-106.
- (2) Align SID 4, residues 150-259.

Scanthis Page

PLEASE GIVE THIS SEARCH TO David Schreiber

Sheridan Swope, Ph.D.
Patent Examiner, AU 1652
Recombinant Enzymes
571-272-0943 (voice)
E02B71 Remsen Bld (Office)
E02C70 Remsen Bld (Mailbox)

STAFF USE ONLY

Searcher: D. 5000 Cber
Searcher Phone: 2-2-524
Date Searcher Picked up:
Date Completed: 51(1)
Searcher Prep/Rev. Time: 12
Online Time: 35

Type of Search

__ Litigation:_

Inventor:___

Vendors and cost where applicable STN:_____

DIALOG:______ QUESTEL/ORBIT:____ LEXIS/NEXIS:_____

SEQUENCE SYSTEM: Compa

Other(Specify):

Title: Perfect score:

Run on:

Sequence:

Scoring table:

Searched:

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13;
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, APPLICANT: FUJII, SETSURO; TAKADA, KAORUKO; KATANO, TAMIKI;

,MAJIMA, BIJI; OGINO, KOICHI; ONO, KENJI; SAKATA, YASUYO; UENOYAMA,

,TSUTOMU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5240845-1
;Patent No. 5240845
HAPPLICANT: FUJII, SETSURO;TAKADA, KAORUKO;. KATANO; TAMIKI;
;MAJIMA, BIJI;OGINO, KOICHI;ONO, KENJI;SAKATA, YASUYO;UENOYAWA,
;TSUTOMU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: MUTATED STREPTOKINASE PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: MUTATED STREPTOKINASE PROTEINS
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5.6%; Score 33.5; D
Best Local Similarity 29.4%; Pred. No. 0;
Matches 10; Conservative 3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3; Mismatches
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/069,497
FILING DATE: 12-December-1997
ATTORNEY/AGENT INFORMATION:
NAME: Attorney, Strimpel, Harriet M.
REGISTRATION NUMBER: 37,008
REFERENCE/DOCKET NUMBER: 1874/111
TELECHONE: (617)443-9292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 65
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/549,049
FILING DATE: 06-JUL-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 65
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/549,049
FILING DATE: 06-JUL-1990
                                                                                                                                                                                                                                                                                                                                                                                                                        5.6%;
                                                                                                                                                                                                        TELEFAX: (617) 443-0004
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                    LENGTH: 414 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 29.44
Matches 10; Conservative
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Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                  TYPE: amino acid
TOPOLOGY: linear
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Patent No. 5240845
Patent No. 5240845
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Sequence 2, Appli
                                                                                                                                                                  (without alignments)
262.562 Million cell updates/sec
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TITLE OF INVENTION: BACTERIAL FIBRIN-DEPENDENT PLASMINOGEN ACTIVATOR NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROMBERG & SUNSTEIN, LLP
STREET: 125 Summer Street
                                                                                                                                                                                                                                                                                 1 QAQQMVQPQSPVAVSQSKPG......SMIWDCTCIGAGRGRISCTI 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Description
                                                                                                                                             May 11, 2005, 08:25:39; Search time 0.001 Seconds
       GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/211,542A
FILING DATE: 15-December-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5240845-1
US-08-560-098A-52
US-09-211-542A-2
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Maximum Match 100%
Listing first 45 summaries
                                                                                                OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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                                                                                                                                                                                                                                                                                                                                                                                                  5 segs, 2477 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Minimum DB seq lerigth: 0
Maximum DB seq length: 2000000000
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Match Length DB
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STATE: Massachusetts
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US-09-211-542A-6

33.5 33.5 33.5 33.5

Result No.

Database :

7

Gaps

7

Gaps

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Sequence 2, Application US/09211542A
Patent No. 6210667
GENERAL INFORMATION:
BAPPLICANT: Reed, GUY L.
TITLE OF INVENTION: BACTERIAL FIBRIN-DEPENDENT PLASMINOGEN ACTIVATOR
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROMBERG & SUNSTEIN, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 5.6%; Score 33.5; DB 1; Length 440; Best Local Similarity 29.4%; Pred. No. 0; Matches 10; Conservative 3; Mismatches 8; Indels 1
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COMPUTER: IBW PC compatible
COMPUTER: IBW PC compatible
SOFTWARE: Perentin Release #1.0, Version #1.30 (EPO)
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/560,098A
FILING DATE: 17-NOV-1995
PRIOR APPLICATION NUMBER: P 44 40 892.7
FILING DATE: 17-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: EVANS, Joseph D.
REFERENCE/DOCKT NUMBER: 148/42448
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8800
TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8800
TELEFAX: (202) 628-8801
TELEFAX: (202) 628-8801
                                                                                                                                                                                                           APPLICANT: WRENDT, Stephan
APPLICANT: HEINZEL-WIELAND, Regina
APPLICANT: HEINZEL-WIELAND, Regina
APPLICANT: STEFFENS, Gerd Joseb
TITLE OF INVENTION: Coagulation-inhibiting Properties
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS: ADDRESS: Evenson, McKeown, Edwards & Lenahan
STREET: 1200 G Street, N.W., Suite 700
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          390 IITVYMGKR-----PEGENASYHLAYDKDRYT 416
364 IITVYMGKR-----PEGENASYHLAYDKDRYT 390
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     44 VCTCYGGSRGFNCESKPEABETCF-----DKYT 71
                                                                                                   US-08-560-098A-52; Sequence 52, Application US/08560098A: Patent No. 5976841
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COUNTRY: USA
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: si
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MEDIUM TYPE: Floppy disk
COMPUTER: IBP PC compatible
FILING DATE: 15-December-1998
CLASSIFICATION NUMBER: 03/069,497
FILING DATE: 15-December-1997
ATTORNEY/AGENT INFORMATION:
NAME: Attent NUMBER: 37,008
REGISTRATION NUMBER: 37,008
REGISTRATION NUMBER: 37,008
FILING CHANGETER NUMBER: 37,008
FILING PATE NUMBER: 3
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Search completed: May 11, 2005, 08:21:52 Job time : 1 secs
                                                                                                                                                                                                      APPLICANT: Kumar, Rajesh
APPLICANT: Sahni, Girish
APPLICANT: Roy, Chait
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 414
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Matches
8 &
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APPLICANT: Leenhouts, Cornelis J.
APPLICANT: Leenhouts, Cornelis J.
TITLE OF INVENTION: Export and modification of (poly) peptide in the lantibiotic way
FILE REPERENCE: 2183-5673
CURRENT FILING DATE: 2002-07
CURRENT FILING DATE: 2002-05-24
NUMBER OF SEQ ID NOS: 309
SOFTWARE: Patentin version 3.1
SEQ ID NO 264
LENGTH: 413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 264, App
Sequence 2, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                     May 11, 2005, 08:21:51; Search time 0.001 Seconds (without alignments) 87.662 Million cell updates/sec
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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414 1 US-09-940-235-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: sequence of streptokinase US-10-360-101-264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ALIGNMENTS
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Maximum Match 100%
Listing first 45 summaries
                                                                                 - protein search, using sw model
                                                                                                                                                                                                                                                                                        BLOSUM62
Gapop 10.0 , Gapext 0.5
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Publication No. US20040009550A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                   2 seqs, 827 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                       Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT ORGANISM: Artificial Sequence
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Match Length DB
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600
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33.5
                                                                                                                                                                                                        Title:
Perfect score:
                                                                                                                                                                                                                                                                                          Scoring table:
                                                                                 OM protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Database :
                                                                                                                                                                                                                                                   Sequence:
                                                                                                                                                                                                                                                                                                                                                        Searched:
                                                                                                                         Run on:
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No.
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APPLICANT: Yadav, Mahavir

TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: REACTERISTICS AND A PROCESS FOR THE PREPARATION OF SAID
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF SAID
TITLE OF INVENTION: PROTEIN
TITLE OF INVENTION: DROVEEL
CURRENT APPLICATION NUMBER: US/09/940,235
CURRENT FILING DATE: 1999-12-23
PRIOR APPLICATION NUMBER: IN 3825/DEL/98
PRIOR FILING DATE: 1998-12-24
PRIOR FILING DATE: 1998-12-24
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 4.0
TENGTH. AND ADDITION OF THE CONTROL OF THE CONTRO
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                                                                        364 IITVYMGKR-----PEGENASYHLAYDKDRYT 390
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Best Local Similarity 29.4%; Pred. No. 0;
Matches 10; Conservative 3; Mismatches
44 VCTCYGGSRGFNCESKPEAEETCF--
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                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/09940235 Publication No. US20030059921A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Rajagopal, Kammara
APPLICANT: Nihalani, Deepak
APPLICANT: Sundaram, Vasudha
APPLICANT: Yadav, Mahavir
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Search completed: May 11, 2005, 08:23:20 Job time : 0.001 secs
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APPLICANT: Roy, Chair
APPLICANT: Rajagopal, Kammara
APPLICANT: Nihalani, Deepak
APPLICANT: Nihalani, Deepak
APPLICANT: Sundaram, Vasudha
APPLICANT: Sundaram, Vasudha
APPLICANT: Sundaram, Vasudha
APPLICANT: Sundaram, Vasudha
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: PROTEINS POSSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: PROTEINS
TITLE OF INVENTION: NUMBER: US/9/940,235
PRIOR FILING DATE: 1999-12-23
PRIOR FILING DATE: 1999-12-24
NUMBER OF SEQ ID NOS: 28
SOFTWARR: PASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                            APPLICANT: Rajagopil, Kammara
APPLICANT: Nihalani, Deepak
APPLICANT: Sundaram, Vasudha
APPLICANT: Sundaram, Vasudha
APPLICANT: Yadav, Mahavir
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: PROFISINS POSSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: PROFISIN
TITLE OF INVENTION: PROFISIN
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                                      364 IITVYMGKR-----PEGENASYHLAYDKDRYT 390
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CURRENT APPLICATION NUMBER: US/09/940,235
CURRENT FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: 09/471,349
PRIOR FILING DATE: 1999-12-23
PRIOR APPLICATION NUMBER: IN 3825/DEL/98
PRIOR FILING DATE: 1998-12-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 4.0
44 VCTCYGGSRGFNCESKPEAEETCF---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: PRT ; ORGANISM: Streptococcus equisimilis US-09-940-235-2
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GENERAL INFORMATION:
APPLICANT: Kumar. Rajesh
APPLICANT: Sahni, Girish
APPLICANT: Roy, Chait
                                                                                                                                                                                                     Sequence 2, Application US/09940235 GENERAL INFORMATION:
                                                                                                                                                                                                                                                          APPLICANT: Kumar, Rajesh
APPLICANT: Sahni, Girish
APPLICANT: Roy, Chait
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US-09-791-537-45187

Sequence 45187, Application US/09791537

Sequence 45187, Application US/09791537

GENERAL INFORMATION:

APPLICANT: Bionomix, Inc.

APPLICANT: Debe, Derek

APPLICANT: Debe, Derek

TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY MEMB

TITLE OF INVENTION: METHODS OF USE THEREOF

FILE REFERENCE: 261/210

CURRENT APPLICATION NUMBER: US/09/791,537

CURRENT FILING DATE: 2001-02-22

NUMBER OF SEQ ID NOS: 153055

SOFTWARE: Patentin version 3.0

SEQ ID NO 45187

LENGTH: 440
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                                                                                         Length 414;
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                                                                                                                                     Indels
                                                                                                                                     8
                                                                                     Score 33.5; DB 1;
Pred. No. 0;
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                                                                                                                                     3; Mismatches
; TYPE: PRT
; ORGANISM: Streptococcus equisimilis
US-10-631-558-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Streptococcus equisimilis
                                                                                         5.6%;
                                                                                         Query Match
Best Local Similarity 29.4
Matches 10; Conservative
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Best Local Similarity 29.4
Matches 10; Conservative
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Peptides Specifically Binding to Plasminogen And the DNA Encoding Such Peptides
                                                                                                 ADDRESSEE: Sterne, Kessler, Goldstein and Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/471,349 CURRENT FILING DATE: 1999-12-23
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PRIOR FILING DATE: 1998-12-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) ORGANISM: Streptococcus equisimilis US-09-471-349-2
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GENERAL INFORMATION:
APPLICANT: Sahni, Girish
                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 0609
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2545
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 414 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Roy, Chaiti
Rajagopal, Kammara
Nihalani, Deepak
Sundaram, Vasudha
                                                                                                                                                                                               ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 414 amino acids
TYPE: amino acid
STRANDEDNESS: both
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Kumar, Rajesh
                                                         NUMBER OF SEQUENCES: 1(CORRESPONDENCE ADDRESS:
                 TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                  U.S.A.
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                                                                                                                                                             STATE: D.C
COUNTRY: U
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                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 9, Application US/07956692A
GENERAL INFORMATION:
APPLICANT: Reed, Guy L.
APPLICANT: Russie, Paul
APPLICANT: Parhain-Seren, Behnaz
TITLE OF INVENTION: Recombinant Streptokinase Fragments with
TITLE OF INVENTION: Decreased Antigenicity and Uses Thereof
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein and Fox
                                                                                                                                                                                                          Length 414;
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                                                                                                                                                                                                                                                Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC. Compatible
OPERATUR SYSTEM: PC-DOS/WS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/956,692A
                                                                                                                                                                                                          DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Sterne, Kessler, Goldstein and Fox STREET: 1225 Connecticut Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        364 IITVYMGKR-----PEGENASYHLAYDKDRYT 390
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                                                                                                                                                                                                                             Pred. No. 0; 3; Mismatches
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GENERAL INFORMATION:
APPLICANT: Reed, Guy L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
ATTORNEY, AGENT INFORMATION:
NAME: CONdictin, Jorge A.
REGISTRATION NUMBER: 29,021
REPERBNCE/DOCKET NUMBER: 0609
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 833-7533
INFORMATION FOR SEQ ID NO: 1 SEQUENCE CHARACTERISTICS: LENGTH: 414 amin.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (202) 833-8716
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
                                                                                LENGTH: 414 amino acids
TYPE: amino acid
STRANDEDNESS: both
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             414 amino acids
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Matches 10; Conservative
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                                                                                                                                            both
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PCT-US93-09502-1
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US-08-128-299-1
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APPLICANT: Sundaram, Vasudna
APPLICANT: Yadav, Mahavir
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE PROTEINS POSSESSING ALTERED
TITLE OF INVENTION: PLASMINGEN ACTIVATION CHARACTERISTICS AND A PROCESS FOR THE
TITLE OF INVENTION: PREPARATION OF SAID PROTEINS
FILLE REFERENCE: 07064/009001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5.6%; Score 33.5; DB 1; Length 414; 29.4%; Pred. No. 0; tive 3; Mismatches 8; Indels 1.
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
GURRENT APPLICATION DATE:
APPLICATION NUMBER: US/08/128,299
FILING DATE: Herewith
CLASSIFICATION: 435
ATTORNEY/AGENT PRORMATION:
NAME: Sanzo, Michael A.
REGISTRATION NUMBER: 36,912
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 29.4
Matches 10; Conservative
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Gaps

13;

Indels

8

Sequence:

Run on:

Searched:

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Sequence 261, Application US/10360101A

GENERAL INFORMATION:

APPLICANT: Moll, Gert N.

APPLICANT: Heachoute, Cornelis J.

TITLE OF INVENTION: Export and modification of (poly) peptide in the lantibiotic way

FILE REFERENCE: 2183-5673

CURRENT APPLICATION WUMBER: US/10/360,101A

CURRENT FILING DATE: 2003-02-07

PRIOR APPLICATION NUMBER: EP 02077060.8

PRIOR FILING DATE: 2002-05-24

NUMBER OF SEQ ID NOS: 313

SOFTWARE: PatentIn version 3.1

SEQ ID NO 264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application PC/TUS9309502
Sequence 1, Application PC/TUS9309502
GENERAL INFORMATION:
GAPLICANT: Read, Guy L.
TITLE OF INVENTION: Peptides Specifically Binding to Plasminogen And the TITLE OF INVENTION: DNA Encoding Such Peptides
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein and Fox
                                                                      DB 1; Length 413;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: F-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 5.6%; Score 33.5; DB 1; Best Local Similarity 29.4%; Pred. No. 0; Matches 10; Conservative 3; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: Sterne, Kessler, Goldstein and Fox 1100 New York Avenue, Suite 600
                                                                                                                                                                                        364 IITVYMGKR-----PEGENASYHLAYDKDRYT 390
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      364 IITVYMGKR-----PEGENASYHLAYDKDRYT 390
                                                                                                                                                          44 VCTCYGGSRGFNCESKPEAEFTCF-----DKYT 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            71
                                                                 ; Score 33.5; DB
; Pred. No. 0;
3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            44 VCTCYGGSRGFNCESKPEAEETCF-----DKYT
; OTHER INFORMATION: sequence of streptokinase US-10-360-101-264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , OTHER INFORMATION: sequence of streptokinase US-10-360-101A-264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/ACENT INFORMATION:
NAME: Sanzo, Michael A.
REGISTRATION NUMBER: 36,912
REFERENCE/DOCKET NUMBER: 0609.3570001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PCT/US93/09502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
                                                                 Query Match 5.6%;
Best Local Similarity 29.4%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: Herewith CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 1100 New CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: D.C. COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                  US-10-360-101A-264
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH:
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; GENERAL INFORMATION:
APPLICANT: Woll, GET N.
TITLE OF INVENTION: Export and modification of (poly)peptide in the lantibiotic way
FILE REFERENCE: 2183-5673
; CURRENT APPLICATION NUMBER: US/10/360,101
; CURRENT FILING DATE: 2003-02-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 264, App. Sequence 1, Appli Sequence 9, Appli Sequence 1, Appli Sequence 1, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 45187, A
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                                                                                                                                                                                    (without alignments)
397.500 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                    1 QAQQMVQPQSPVAVSQSKPG.....SMIWDCTCIGAGRGRISCTI 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Description
                                                                                                                                                               May 11, 2005, 08:23:20 ; Search time 0.001 Seconds
                            GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-940-235-2
US-10-631-558-2
US-09-791-537-45187
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                  OM protein - protein search, using sw model
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PRIOR FILING DATE: 2002-05-24
NUMBER OF SEQ ID NOS: 309
SOFTWARE: PatentIn version 3.1
SEQ ID NO 264
LENGTH: 413
                                                                                                                                                                                                                                                                                                                                              BLOSUM62 Gapoxt 0.5
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Maximum DB seq length: 2000000000
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ORGANISM: Artificial Sequence
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Match Length
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Result 8 RESULT 1

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Gaps

13;

Indels

Length 413;

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14 valSerGlnSerLy8ProGlyCysTyrAspAsnGlyLysHisTyrGlnIleAsnGlnGln 33
                                                 76 ArgValGlyAspThrTyrGluArgProLysAspSerMetIleTrpAspCysThrCysIle 95
                                                                                                                                                                                                                                                                                   APPLICANT: Reed, Guy L. TITLE OF INVENTION PLASMINOGEN ACTIVATOR NUMBER OF INVENTIONS: 14 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 34 TrpGluArgThrTyrLeuGlyAsnValLeuValCysThrCysTyrGlyGly-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATE: US/09/211,542A
APPLICATION NUMBER: US/09/211,542A
FILING DATE: 15-December-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches:
Conservative:
Mismatches:
Indels:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 1653
PRIOR APPLICATION DATA:
FILING DATE: 15-December-1997
ATTORNEY/AGENT INFORMATION:
NAME: Attorney, Strimpel, Harriet M. REGISTRATION NUMBER: 37,008
                                                                                                                                                                                                                                                                                                                                                           LLP
                                                                                                                                                                                                                                                                                                                                                         & SUNSTEIN,
                                                                                                                                              96 GlyAlaGlyArgGlyArgile 102
                                                                                                                                                                                                           US-09-211-542A-1
; Sequence 1, Application US/09211542A
; Patent No. 6210667
                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

"AMBITTER: IBM PC compatible
"AMBITTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       37,008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION
TELEPHONE: (617)443-9292
                                                                                                                                                                                                                                                                                                                                                           E: BROMBERG & SUI
125 Summer Stree
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2385 base pairs
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33.90%
25.42%
6.33%
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                             Massachusetts
: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid_STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: CDNP
                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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Best Local Similarity:
Query Match:
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LOCATION:
                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
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STATE: ME
COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 36 ArgThrTyrLeuGlyAsnValLeuValCysThrCysTyrGlyGlySerArgGlyPheAsn 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     36 ArgThrTyrLeuGlyAsnValLeuValCysThrCysTyrGlyGlySerArgGlyPheAsn 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CysGluSerLysProGluAlaGluGluThrCysPheAspLysTyrThrGlyAsnThrTyr 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            56 CysGluSerLysProGluAlaGluGluThrCysPheAspLysTyrThrGlyAsnThrTyr
1136 AGGIGAAAATGCATCTTACCATCTGGCATATGACAAAGACCGTTACACC 1184
                                                                      APPLICANT: FUJII, SETSURO;TAKADA, KAORUKO;. KATANO, TAMIKI;
MAJIMA, EIJI;OGINO, KOICHI;ONO, KENJI;SAKATA, YASUYO;UENOYAMA,
;TSUTOMU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5240845-3/c
;Patent No. 5240845
APPLICANT: FUJII, SETSURO;TAKADA, KAORUKO;. KATANO, TAMIKI
;MAJIMA, EIJI;OGINO, KOICHI;ONO, KENJI;SAKATA, YASUYO;UENOYAWA,
;TSUTOMU
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12
15
15
14
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279 AGAATGTACGTTAGCGATCAGCTGTTCCTGGATTGCTTT----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: MUTATED STREPTOKINASE PROTEINS
                                                                                                                                              TITLE OF INVENTION: MUTATED STREPTOKINASE PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches:
Conservative:
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Conservative:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 65
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/549,049
FILING DATE: 06-JUL-1990
                                                                                                                                                             NUMBER OF SEQUENCES: 65
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/549,049
FILING DATE: 06-JUL-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        96 GlyAlaGlyArgGlyArglle 102
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Best Local Similarity:
Query Match:
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                                                     5240845-2/c
;Patent No. 5240845
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Best Local Similari
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                                                                                                                                                                                                                                     SEQ ID NO:2
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GenCore version 5.1.6

Copyright (c) 1993 - 2005 Compugen Ltd.

OM protein - nucleic search, using frame_plus_p2n model

Run on:

May 11, 2005, 08:36:10; Search time 1 Seconds

(without alignments)

1.563 Million cell updates/sec

Title:

US-09-940-235-4

Perfect score: 600
Sequence:

1 QAQGWVQPQSPVAVSQSKPG......SMIWDCTCIGAGRGRISCTI 106
Sequence:

Kgapop 10.0, Kgapext 0.5
Kgapop 10.0, Kgapext 0.5
Kgapop 10.0, Kgapext 7.0
Pelop 6.0, Pegapext 7.0
Pelop 6.0, Pegapext 7.0
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Total number of hits satisfying chosen parameters: 10 Minimum DB seq length: 0

5 segs, 7373 residues

Searched:

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Command line parameters:
-MODEL=frame+p2n.model -DEV=soft -Q=Pending Patents AA Main:US-09-940-235-4
-DB=rni2.pep -SUFFIX=pto -OUT=align4 1 106 rni -MINMÄTCH=0.1 -LCOPCL=0
-LOOPEXT=0 -UNITS=bits -START=1 -END=106 -MATRIX=blosum62 -TRANS=human40.cdi
-LIST=45 -DOCALIGN=200 -THR_SCORE=pct -THR_MAX=100 -THR_MIN=0 -ALIGN=45
-MODEL-LOCAL -OUTFWT=pto -NORM=ext -HEAPSIZE=500 -MINLENE=0.MAXLENS=2000000000
-NCPU=6 -NO XLPXY -NEG SCORES=0 -LONGLOG -THRRADS=1 -XGAPDP=10 -XGAPEXT=0.5
-FGAPOP=6 -FGAPEXT=7 -ŸGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : rni2.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Patent No. 5240845	atent No. 5240845	atent No. 5240845	atent No. 5240845	nence 1, Appli	Sequence 1, Appli	nence 1, Appli	nence 5, Appli	Sequence 1, Appli	Sequence 5, Appli
	Desci	Pater	Pater	Pater	ш					Seg	Seg
	. QI	5240845-2	5240845-3	5240845-2	5240845-3	US-09-211-542A-1	US-09-211-542A-1	US-08-568-393B-1	US-09-211-542A-5	US-08-568-393B-1	US-09-211-542A-5
	DB	-	Н	Н	-	-		Н	Н	Н	٦
	Query Match Length DB	1242	1262	1242	1262	2385	2385	1242	1242	1242	1242
مو	Match	7.5	7.5	7.2	7.2	6.3	6.3	5.6	5.6	4.8	4.8
	Score	45	45	43	43	38	38	33.5	33.5	28.5	28.5
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ALIGNMENTS

RESULT 1
5240845-2
;PALCHAL NO. 5240845
; ALPLICANT: FUJI, SETSURO;TAKADA, KAORUKO;. KATANO, TAMIKI;
; APPLICANT: FUJI, ONC, KOICHI;ONC, KENJI;SAKATA, YASUYO;UENOYAMA,
;TSUTOMU
; TITLE OF INVENTION: MUTATED STREPTOKINASE PROTEINS

```
APPLICANT: Hua-Lin Wu
APPLICANT: Guey-Yueh Shi
TITLE OF INVENTION: Preparation of novel streptokinase
TITLE OF INVENTION: mutants as improved thrombolytic agents
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESSS:
ADDRESSE: Jehng & Chang
STREET: Two No. 5876999th Second Street, Suite 290
                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44MB
MEDIUM TYPE: Storage
COMPUTER: Storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1 on Window 3.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/568,393B
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-940-235-4 (1-259) x US-08-568-393B-1 (1-1242)
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Indels:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Streptococcus equisimilis H46A INDIVIDUAL ISOLATE: Malke, H., Roe, B., iINDIVIDUAL ISOLATE: "Nucleotide sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length:
Matches:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1090 ATCATAACCGTTTATATGGGCAAGCGA-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ch.-Ping Chang
REGISTRATION NUMBER: 37,798
REFRENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (408) 288-8585
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1242 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (408)288-8386
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: Nucleic Acid
STRANDEDNESS: double
                                                                                                                                                                                                                          CITY: San Jose
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INDIVIDUAL ISOLATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                         INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ANTI-SENSE: N
ORIGINAL SOURCE:
ORGANISM: Str
                                                                                                                                                                                                                                                                         USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HYPOTHETICAL:
                                                                                                                                                                                                                                                                                              ZIP: 95113
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                                                                                                                                                                                                                                                                       COUNTRY:
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993 GCCGAACATCCCGCAGATGTCCGCTTTCTGGTATGCCGTGCGTACTGCGGTGATCAACGC 1052
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 GlnAlaGlnGlnMetValGlnProGlnSerProValAlaValSerGlnSerLysProGly 20
                                                                                        053 CGCCAGCGGTCGTCAGACTGTCGATGAAGCCCTGAAAGACGCGCAGACTAATTCGAG 1109
                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Reed, Guy L.
APPLICANT: Reed, Guy L.
TITLE OF INVENTION: BACTERIAL FIBRIN-DEPENDENT PLASMINOGEN ACTIVATOR NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROMBERG & SUNSTEIN, LLP
STREET: 125 Summer Street
                                            51 ---SerArgGlyPheAsnCysGluSerLysProGluAlaGluGluThrCysPheAsp 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1096 GCGCGTCTTTCAACGGCTTCATCGACAGTCTGACGACCGCTGGCGGCT 1049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          21 CysTyrAspAsnGlyLysHisTyrGlnIleAsnGlnGlnTrpGluArg 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/211,542A
FILING DATE: 15-December-1998
CLASSIFICATION: 1653
APPLICATION NUMBER: 60/069,497
FILING DATE: 15-December-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches:
Conservative:
Mismatches:
Indels:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Actorney, Strimpel, Harriet M.
REGISTRATION NUMBER: 37,008
REFERENCE/DOCKET NUMBER: 1874/111
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)443-9292
INFORMATION FOR SEQ 1D NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 02110
COMPOTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CQMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                  RESULT 6
US-09-211-542A-1/C
'Sequence 1, Application US/09211542A
'Patent No. 6210667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-568-393B-1
; Sequence 1, Application US/08568393B
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38.89%
30.56%
6.33%
                                                                                                                                                                                                                                                                                                                                                                                    CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 nucleic acid
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Best Local Similarity:
Query Match:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY:
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ISOLATE: Malke, H., Roe, B., and Ferretti, J. J.;
ISOLATE: "Nucleotide sequence of the streptckinase gene from Strepto
ISOLATE: equisimilis H46A" from Gene 34:357-362 (1985).
Streptococcus equisimilis H46A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CCCGAAGGAGAG 1128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        44 ValCysThrCysTyrGlyGlySerArgGlyPheAsnCysGluSerLysProGluAlaGlu 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 5, Application US/09211542A
Patent No. 6210667
GENBRAL INPORMATION:
APPLICANT: Reed, Guy L.
TITLE OF INVENTION: BACTERIAL FIBRIN-DEPENDENT PLASMINOGEN ACTIVATOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                64 GluThrCysPhe------AspLysTyrThr 71
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gene from Strepto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              23 AspAsnGlyLysHisTyrGlnIleAsnGlnGlnTrpGluArgThrTyrLeuGlyAsnVal 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5 MetValGlnProGlnSerProVal-----AlaValSerGlnSerLysProGlyCysTyr 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Reed, Ouy L.
TITLE OF INVENTION: BACTERIAL FIBRIN-DEPENDENT PLASMINOGEN ACTIVATOR
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWBESS:
STREET: 125 SUMMER SLEEEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Streptococcus equisimilis H46A
ISOLATE: Malke, H., Roe, B., and Ferretti, J. J.;
ISOLATE: "Nucleotide sequence of the streptokinase gen
ISOLATE: equisimilis H46A" from Gene 34:357-362 (1985)
Streptococcus equisimilis H46A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          494 -----reracagrararrecacarcaacagarrec 465
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches:
Conservative:
Mismatches:
Indels:
      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44MB
MEDIUM TYPE: Storage
COMPUTER: Storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1 on Window 3.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/568,393B
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-940-235-4 (1-259) x US-08-568-393B-1 (1-1242)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       521 TCGTCATCAGGGTTTAAGGGAGTAAAC----
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Patent No. 6210667
                                                                                                                                                                                                         CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Chi-Ping Chang
REGISTRATION NUMBER: 37,798
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (408) 288-8585
                                                                                                                                                                                                                                                                                                                                                 TELBEAK: (408) 288-0.c.
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1242 base pairs
TYPE: Nucleic Acid
TYPE: Outlier Acid
                                                                                                                                                                                                                                                                                                                                              (408) 288-8585
(408) 288-8386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Streptococcus INDIVIDUAL ISOLATE: Mall INDIVIDUAL ISOLATE: "Nuc INDIVIDUAL ISOLATE: equ:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              28.50
34.62%
23.08%
4.75%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 02110
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: N
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Percent Similarity:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-568-393B-1/c

US-08-568-393B-1/c

US-08-568-393B-1/c

Sequence 1, Application US/08568393B

GENERAL INFORMATION:

APPLICANT: Hua-lin Wu
APPLICANT: Hua-y-Yuch Sit

TITLE OF INVENTION: Preparation of novel streptokinase

TITLE OF INVENTION: mutants as improved thrombolytic agents

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSEE: Jeing & Chang

STREET: Two No. 5876999th Second Street, Suite 290

CITY: San Jose

STATE: California

COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             :::
1129 AATGCTAGCTATTAGCCTATGATAAAGATCGTTATACC 1170
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                                                                                                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER LIBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
GURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/211,542A
FILING DATE: 15-December-1998
CLASSIPICATION: 1653
PRIOR APPLICATION NUMBER: 60/069,497
FILING DATE: 15-December-1997
ATTORNEY/AGENT INFORMATION:
NAME: Attorney, Strimpel, Harriet M.
REFERENCE/DOCKET NUMBER: 1874/111
TELECOMMUNICATION NUMBER: 1874/111
TELEPHONE: (617)443-9292
TELEFEKX: (617)443-0004
INFORMATION FOR SEQ ID NO: 5:
SEQUIENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-940-235-4 (1-259) x US-09-211-542A-5 (1-1242)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches:
Indels:
                    CORRESPONDENCE ADDRESS:
ADDRESSEE: BROMBERG & SUNSTEIN, LLP
                                                          125 Summer Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 1242 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        64 GluThrCysPhe----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    33.50
38.24%
29.41%
5.58%
SEQUENCES: 14
                                                             STREET: 125 Summer St
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Percent Similarity:
Best_Local Similarity:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: CDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Alignment Scores:
Pred. No.:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-211-542A-5
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5 MetValGlnProGlnSerProVal-----AlaValSerGlnSerLy8ProGlyCy8Tyr 22
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/211,542A
FILING DATE: 15-December-1998
CLASSIFICATION: 1653
PRIOR APPLICATION NUMBER: 60/069,497
FILING DATE: 15-December-1997
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 37,008
REFERENCE/DOCKET NUMBER: 1874/111
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)443-9292
TELEPRAX: (617)443-9292
TELEPRAX: (617)443-9292
TELEPRAX: (617)443-9292
TELEPRAX: (617)443-9292
TELEPRAX: (617)443-0004
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 1242 base pairs
TYPORLOGY: linear
MOLECULE TYPE: cDNA
FRATURE:
NOLECULE TYPE: CDNA
FRATURE:
NAME/KEY: CDS
LOCATION: 1.1242
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12
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Matches:
Conservative:
Mismatches:
Indels:
Gaps:
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521 TCGTCATCAGGGTTTAAGGGAGTAAAC-
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23.08%
4.75%
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Best Local Similarity:
Query Match:
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Pred. No.:
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May 11, 2005, 08:37:16 ; Search time 1 Seconds (without alignments) 2.338 Million cell updates/sec
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                          OM protein - nucleic search, using frame_plus_p2n model
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Xgapop 10.0 , Ygapext .
Ygapop 10.0 , Ygapext .
Fgapop 6.0 , Fgapext .
Delop 6.0 , Delext .
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                                                                                                                                                                                                        Perfect score:
Sequence:
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                                                                                                                 Run on:
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Total number of hits satisfying chosen parameters:

7 segs, 11029 residues

Searched:

14

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries Minimum DB seq length: 0 Maximum DB seq length: 200000000

Command line parameters:
-MODEL=frame+p2n.model -DEV=soft -Q=Pending Patents AA Main:US-09-940-235-4
-MODEL=frame+p2n.model -DEV=soft -Q=Pending Patents AA Main:US-09-940-235-4
-DOSENTDS.pep -SUFFIX=pto -OUT=align4 1 106 rnpb -MINNATCH=0.1 -LOOPCL=0
-LOOPEXT=0 -UNITS-bits -START=1 -END=106 -MATRIX=blosum62 -TRANS=human40.cdi
-LIST=45 -DOCALICN=200 -THR SCORE=pct -THR MAX=100 THR MIN=0 -ALIGN=45
-MODE=LOCAL -OUTFWT=pto -NORMeext -HEAPSIZE=500 -MINLENE(-MAXLEN=2000000000
-NCDU=6 -NO XLPXY -NEG SCORES=0 -LONGLOG -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5
-FGAPOP=6 -FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

rnpb2.pep:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	-10 Sequence 10, Appl	Sequence 9,	Sequence 12,	-11 Sequence 11, Ap	•		Sequence 9,	Sequence 1,	Sequence 6,	-5 Sequence 5, Appli	Sequence 10,	Sequence 5,		
QI.	US-09-940-235	US-09-940-235	US-09-940-235	US-09-940-235	US-09-940-235	US-09-940-235	US-09-940-235	US-09-940-235	US-09-940-235	US-09-940-235-5	US-09-940-235	US-09-940-235	US-09-940-235	100 000 000
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å Query Match Length DB										1377				
Query Match	100.0	26.7	26.7	18.2	6.2	6.2	5.7	5.6	5.6	5.6	5.3	4.8	4.8	
Score	009	160	160	109.5	37.5	37.5	34	33.5	33.5	33.5	32	29	28.5	•
Result No.	н	7	m	4	c 2	و ن	7	60	6	.10	c 11	c 12	c 13	

ALIGNMENTS

RESULT 1 US-09-940-235-10 ; Sequence 10, Application US/09940235

Publication APPLICANT TITLE OF TITLE TITLE OF TITLE	Publication No. US20030059921A1 GENERAL INFORMATION: GENERAL INFORMATION: APPLICANT: Sahni, Girish APPLICANT: Sahni, Girish APPLICANT: Roy, Chait APPLICANT: Roy, Chait APPLICANT: Roy, Chait APPLICANT: Roy, Chait APPLICANT: Now Chait APPLICANT: Sundaram, Vasudha APPLICANT: Sundaram, Vasudha APPLICANT: SUNDARION: PROTEINS POSSESSING ALTERED PLASNINOCEN ACTIVATION TITLE OF INVENTION: PROTEINS POSSESSING ALTERED PLASNINOCEN ACTIVATION TITLE OF INVENTION: PROTEINS TITLE OF INVENTION: NUMBER: US/09/940,235 CURRENT APPLICATION NUMBER: US/09/471,349 PRIOR FILING DATE: 1999-12-23 PRIOR PILING DATE: 1999-12-24 NUMBER OF SEQ ID NOS: 28 SOFTWARE: FastSEQ for Windows Version 4.0 LENGTH: 1661 TYPE: DNA ORGANISM: Attificial Sequence FEATURE: OTHER INFORMATION: Hybrid cassette SCOPTHARE: OTHER INFORMATION: Hybrid cassette	1.72e-06 Length 600.00 Matche 100.00\$ Conser: 100.00\$ Mismat 100.00\$ Indels	-940-235-4 (1-259) x US-09-940-235-10 (1-1661) 1 GlnAlaGlnGlnMetValGlnProGlnSerProValAlaValSerGlnSerLy8ProGly 20	1 Cystyraspasnglylyshistyrglnileasnglnglntrpgluargthrtyrleugly 40 	1 ABNVALLeuVALCYBTHrCyBTYxGlyGlyGlyPheABNCySGluSexLyBFro 60	1 GlualaGluGluThrCysPheAspLysTyrThrGlyAsnThrTyrargValGlyAspThr 80	1 TyrgluargProLysAspSerMetIleTrpAspCysThrCysIleglyAlaglyArgGly 100 	ArgileSerCysThrile	SULT 2 1-09-940-235-9 1-09-940-235 25equence 9, Application US/09940235 Publication No. US20030059921A1 GENERAL INPORMATION: APPLICANT: Kumar, Rajesh APPLICANT: Sahni, Girish APPLICANT: Roy, Chait APPLICANT: Roy, Chait
	Publication No. US200 GENERAL INFORMATION: APPLICANT: Sahni, APPLICANT: Sahni, APPLICANT: Sahni, APPLICANT: Rajagop APPLICANT: Nihalan APPLICANTON: TITLE OF INVENTION: TITLE REPERENCE: 0700 CURRENT APPLICATION NIPRIOR APPLICATION: TYPE: DNA ORGANISM: Artificia FEATURE: INFORMATION: SC-09-940-235-10	ign ed. ore rce st ery	-09	بر 21 الا 1401					IESULT 2 Sequence 9, Publication GENERAL INF APPLICANT: APPLICANT: APPLICANT: APPLICANT:

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CURRENT APPLICATION NUMBER: US/09/940,235
CURRENT FILING DATE: 2002-04-09
PRICA APPLICATION NUMBER: 09/471,349
PRIOR FILING DATE: 1999-12-23
              FILE REFERENCE: 07064-009002
CURRENT APPLICATION NUMBER: US/09/940,235
CURRENT FILING DATE: 2002-04-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 11, Application US/09940235 Publication No. US20030059921A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Hybrid cassette
                                                 2002-04-05
                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
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APPLICANT: Sahni, Girish
APPLICANT: Roy, Chait
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Query Match:
TITLE OF INVENTION:
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              APPLICANT: Sundaran, Vaeudha
APPLICANT: Sundaran, Vaeudha
APPLICANT: Yadav, Mahavir
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: PROTEINS POSSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF SAID
TITLE OF INVENTION: PROTEIN
TITLE OF INVENTION: PROTEIN
FILE REFERENCE: 07064-0090002
CURRENT APPLICATION NUMBER: US/09/940,235
CURRENT FILING DATE: 1999-12-23
PRIOR FILING DATE: 1999-12-23
PRIOR PLLING DATE: 1999-12-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Rajagopal, Kammara
APPLICANT: Nihalani, Deepak
APPLICANT: Sundarani, Vasudha
APPLICANT: Yadav, Mahavir
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: PROTEINS POSSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF SAID
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 GlnAlaGlnGlnMetValGlnProGlnSerProValAlaValSerGlnSerLysProGly 20
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Matches:
Conservative:
Mismatches:
Indels:
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                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9
LENGTH: 1541
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Publication No. US20030059921A1
GENERAL INFORMATION:
APPLICANT: Sahni, Girish
APPLICANT: Ray, Chait
                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Hybrid cassette
                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
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160.00
52.73$
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US-09-940-235-12
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APPLICANT: Rajagopal, Kammara
APPLICANT: Nihalani, Deepak
APPLICANT: Nihalani, Deepak
APPLICANT: Sundaran, Vasudha
APPLICANT: Sundaran, Vasudha
APPLICANT: Yadav, Mahavir
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: PROTEINS POSSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF SAID
TITLE OF INVENTION: PROTEIN
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PRIOR APPLICATION NUMBER: 09/471,349
PRIOR PILING DATE: 1999-12-23
PRIOR FILING DATE: 1998-12-24
NUMBER OF SEQ ID NOS: 28
SEQ ID NO 12
LENGTH: 2096
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442 recacresaca-----estric 425
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                                                               CTHER INFORMATION: Hybrid cassette US-09-940-235-11
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        TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity:
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Sequence 11, Application US/09940235

Publication No. US2003005921A1

GENERAL INFORMATION:

APPLICANT: Sahmi, Girish

APPLICANT: Rajaspal, Kammara

APPLICANT: Rajaspal, Kammara

APPLICANT: Sundaram, Vasudha

APPLICANT: Nihalani, Deepak

TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE

TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE

TITLE OF INVENTION: PROTEIN

TITLE OF INVENTION: NUMBER: 09/940,235

CURRENT APPLICATION NUMBER: 1099-12-24

PRIOR FILING DATE: 1999-12-24

PRIOR FILING DATE: 1999-12-24

NUMBER OF SEQ ID NOS: 28

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 11

LENGTH: 1782
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Matches:
Conservative:
Mismatches:
Indels:
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PRIOR APPLICATION NUMBER: IN 3825/DEL/98
PRIOR FILING DATE: 1998-12-24
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PSECSEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 1782
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity:
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DB:
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                                                                                   --GlnSerProValAlaVal 14
Length:
Matches:
Conservative:
Mismatches:
Indels:
Gaps:
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Matches:
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Indels:
Gaps:
                                                                US-09-940-235-4 (1-259) x US-09-940-235-11 (1-1782)
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; LOCATION: (1)...(1242)
US-09-940-235-1
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APPLICANT: Sahni, Girish
APPLICANT: Sahni, Girish
APPLICANT: Rajagopal, Kammara
APPLICANT: Rajagopal, Kammara
APPLICANT: Nihalani, Deepak
APPLICANT: Nihalani, Deepak
APPLICANT: Suddaram, Vasudha
APPLICANT: Suddaram, Vasudha
APPLICANT: Vadav, Mahavir
ATILE OF INVENTION: PROTEINS POSSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: PROTEINS
TITLE OF INVENTION: PROTEINS
TITLE OF INVENTION: PROTEIN
TITLE OF INVENTION NUMBER: US/09/940,235
CURRENT FILING DATE: 1999-12-23
PRIOR FILING DATE: 1999-12-24
NUMBER OF SEQ.ID NOS: 28
PRIOR FILING DATE: 1998-12-24
NUMBER OF SEQ.ID NOS: 28
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1248 AAGTCCCAGCAGCATGATCAAAACACTTCTCAGCTATGGGTACAATCTGTTGCGCCTGGC 1189
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                                           --GlnSerProValAlaVal 14
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Conservative:
Mismatches:
Indels:
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US-09-940-235-4 (1-259) x US-09-940-235-12 (1-2096)
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                                           1 GlnAlaGlnGlnMetValGlnPro-
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Publication No. US20030059921A1
GENERAL INFORMATION:
APPLICANT: Kumar, Rajesh
APPLICANT: Sahni, Girish
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US-09-940-235-9/c
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Pred. No.:
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LENGTH: 1541
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US-09-940-235-1
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APPLICANT: Kumar, Rajesh
APPLICANT: Sahni, Girish
APPLICANT: Sahni, Girish
APPLICANT: Rajagopal, Kammara
APPLICANT: Rajagopal, Kammara
APPLICANT: Sundaram, Vasudha
APPLICANT: Sundaram, Vasudha
APPLICANT: Sundaram, Vasudha
APPLICANT: Yadav, Mahavir
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: PROTEINS POSSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: PROTEINS FORESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: PROTEIN
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Mismatches:
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SOFTWARE: FastSEQ for Windows Version 4.0
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PRIOR FILING DATE: 1998-12-24
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PRIOR FILING DATE: 1999-12-23
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29.41%
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Percent Similarity:
Best Local Similarity:
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Pred. No.:
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LENGTH: 1661
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APPLICANT: Nihalani, Deepak
APPLICANT: Nihalani, Deepak
APPLICANT: Sundaram, Vasudha
APPLICANT: Sundaram, Vasudha
APPLICANT: Yadav, Mahavir
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: PROTEINS
TITLE OF INVENTION: PROTEIN
TITLE OF INVENTION: 1999-12-23
FRIOR FILING DATE: 1999-12-24
MUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                    -- CCCGAAGGAGAG 1260
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Matches:
Conservative:
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Mismatches:
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Matches:
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                                 ; TYPE: DNA
; ORGANISM: Streptococcus equisimilis
US-09-940-235-6
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; Sequence 5, Application US/09940235
; Publication No. US20030059921A1
; APPLICANT: Kumar, Rajesh
; APPLICANT: Sahni, Girish
; APPLICANT: Ray, Chait
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SEQ ID NO 6
LENGTH: 13
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581 ATGGTGTCACCGATAGCTAGTGTTTTCAATAGCTTAGTATCTTTGAGACCTGGTCTGAAA 522
                                   23 AspAsnGlyLysHisTyrGlnIleAsnGlnGlnTrpGluArgThrTyrLeuGlyAsnVal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-940-235-4 (1-259) x US-09-940-235-6 (1-1327)
                                                                      521 TCGTCATCAGGGTTTAAGGGAGTAAAC----
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603 TCGTCATCAGGGTTTAAGGGAGTAAAC
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Job time : 2 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , ORGANISM: Streptococcus equisimilis US-09-940-235-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5.89
28.50
34.62%
23.08%
4.75%
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Best Local Similarity:
                                                                                                                                                                                                     US-09-940-235-6/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 1327
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Sequence 1, Application US/09940235

Publication No. U32003005921A1

GENERAL INFORMATION:

APPLICANT: Sahni, Girish

APPLICANT: Sahni, Girish

APPLICANT: Rajagola, Kammara

APPLICANT: Rajagola, Kammara

APPLICANT: Rajagola, Kammara

APPLICANT: Sundaram, Vasudha

APPLICANT: Sundaram, Vasudha

APPLICANT: Sundaram, Vasudha

APPLICANT: Wadav, Mahavir

TITLE OF INVENTION: PROTEINS POSSESSING ALTERED PLASMINOGEN ACTIVATION

TITLE OF INVENTION: PROTEIN

TITLE OF INVENTION: PROTEIN

TITLE OF INVENTION: PROTEIN

TITLE OF INVENTION: NAMBER: US/09/940,235

CURRENT APPLICATION NUMBER: US/09/940,235

CURRENT APPLICATION NUMBER: 10399-12-23

PRIOR FILING DATE: 1999-12-23

PRIOR APPLICATION NUMBER: 1N 3825/DEL/98

PRIOR APLLICATION NUMBER: 1N 3825/DEL/98

PRIOR PILING DATE: 1999-12-24

NUMBER OF SEQ ID NOS: 28

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 1

TTYLE

TTYLE

LENGTH: 1245
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                                                                                                                                                                                                                                                                                                                                                 3 GlnGlnMetValGlnProGlnSerProValAlaValSerGlnSerLysProGlyCys---
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12
6
19
15
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11
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10
                                                                                                                                                                                 Length:
Matches:
Conservative:
Mismatches:
Indels:
Gaps:
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Matches:
Conservative:
Mismatches:
Indels:
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                                                                                                                                                                                                                                                                                                              US-09-940-235-4 (1-259) x US-09-940-235-5 (1-1377)
 PRIOR FILING DATE: 1998-12-24
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 5
LENGTH: 1377
                                                                                                                                                                                                                                                                                                                                                                                   211 CAACAGTACCAGCAACGCTAACAACCAATT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Streptococcus equisimilis
                                                                                           ; TYPE: DNA
; ORGANISM: Streptococcus equisimilis
US-09-940-235-5
                                                                                                                                                                                   5.83
29.00
37.50%
27.50%
4.83%
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34.62
23.08
4.75
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LOCATION: (1)...(1242)
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Best Local Similarity:
Query Match:
                                                                                                                                                                                                                                         Best Local Similarity:
                                                                                                                                                                                                                      Percent Similarity:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Alignment Scores:
                                                                                                                                                                    Alignment Scores:
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                                                                                                                                                                                                                                                           Query Match:
DB:
                                                                                                                                                                                                         Score:
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23 AspAsnGlyLysHisTyrGlnIleAsnGlnGlnTrpGluArgThrTyrLeuGlyAsnVal 42
                                                                                                                                                                                                                                                                                                                                                                                              5 MetValGlnProGlnSerProVal-----AlaValSerGlnSerLysProGlyCysTyr 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   576 -----TGTACAGTATATTCCACATCAACAGATTTC 547
                 494 -----reracagrararrecacarcaacagarre 465
                                                                                                                                                                                                                                                                                                                  Length:
Matches:
Conservative:
Mismatches:
Indels:
Gaps:
43 LeuValCysThrCysTyrGlyGlySerArgGlyPhe 54
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Perfect score:

Run on:

Sequence:

Scoring table:

Minimum DB Maximum DB

Database :

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151 IAEKCFDHAAGTSYVVGETWEKPYOG-------WMWVDCTCLGEGSGRITCTSRN 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       :| | :: | | : | | : | 303 VALKSYEEELAKDPRIAATMENAQKGEIMPNIPQMSAFWYAVRTAVINAASGRQTVD--E 360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Reed, Guy L.
TITLE OF INVENTION: BACTERIAL FIBRIN-DEPENDENT PLASMINOGEN ACTIVATOR NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROMBERG & SUNSTEIN, LLP
STREET: 125 Summer Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    361 ALKDAQTNSSSVPG------RGSI-----EGRIAGPEWLLDR 391
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       199 RCNDQDTRTSYRIGDTWSKKDNRGNLLQCICTGNGR---GEWKCER 241
                                                                                                                                                                                                                                                                                                                                                                                                                                                     5.3%; Score 33; DB 1; Length 795; 20.8%; Pred. No. 0; tive 10; Mismatches 42; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/211,542A

FILING DATE: 15-December-1998

CLASSIFICATION: 1653

PRIOR APPLICATION NUMBER: 60/669,497

FILING DATE: 15-December-1997

ATTORNEY/AGENT INFORMATION:

NAME: ACEVINEY, STRIMPE!, HARTIER M.
              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/069,497
FILING DATE: 12-December-1997
ATTORNEY/AGENT INFORMATION:
NAME: Attorney, Strimpel, Harriet M.
REGISTRATION NUMBER: 37,008
REFERENCE/DOCKET NUMBER: 1874/111
TELECOMMINICATION INFORMATION:
TELEPHONE: (617)443-9292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Attorney, Stringel, Harriet
REGISTRATION NUMBER: 37,008
REFERENCE/DOCKET NUMBER: 1874/111
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-211-542A-6
; Sequence 6, Application US/09211542A
; Patent No. 6210667
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amino acid
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amino acid
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          22; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Massachusetts
: USA
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; MOLECULE TYPE: protein
US-09-211-542A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Boston
STATE: Massac
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                                                                                                                                                                                                                                                                                                                 LENGTH:
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Patent No. 5240845
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Sequence 6, Appli
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2, Application US/09211542A
Patent No. 6210667
GENERAL INFORMATION:
APPLICANT: Reed, GUY L.
TITLE OF INVENTION: BACTERIAL FIBRIN-DEPENDENT PLASMINOGEN ACTIVATOR NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSE:
ADDRESSEE: BROWBERG & SUNSTEIN, LLP
STREET: 125 Summer Street
                                                                                                                                                                                     (without alignments)
0.272 Million cell updates/sec
                                                                                                                                                                                                                                                                                                        1 PIAEKCFDHAAGTSYVVGET......ERHTSVQTTSSGSGPFTDVR 110
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                                                                                                                                                               May 11, 2005, 08:26:45; Search time 1 Seconds
              GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            5240845-1
US-08-560-098A-52
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                               OM protein - protein search, using sw model
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APPLICATION NUMBER: US/09/211,542A
FILING DATE: 15-December-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5240845-1
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                 5 segs, 2477 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  seq length: 0 seq length: 2000000000
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Match Length DB
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STATE: Massachusetts
COUNTRY: USA
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Score

Result

42; Indels 32; Gaps

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203 QDTR--TSYRIGDTWSKKDNRGNLL---QCICTGNGRGEWKCERHTSVQT
                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO) CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 5.0%; Score 31.5; D
Best Local Similarity 32.0%; Pred. No. 0;
Matches 16; Conservative 8; Mismatches
                                                                                                                                                                PAPELICATION NUMBER: US/08/560,098A
PILING DATE: 17-NOV-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: P 44 40 892.7
FILING DATE: 17-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: EVANS, JOSEPH D.
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 148/42448
TELECOMMUNICATION: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Search completed: May 11, 2005, 08:26:46 Job time : 1 secs
                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS.
                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                        (202) 628-8800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           440 amino acids
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      COUNTRY:
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                                                                                                                    6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      203 ODTR--TSYRIGDIWSKKDNRGNLL---QCICTGNGRGEWKCERHISVQT 247
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Score 31.5; DB 1; Length 414; Pred. No. 0; 8; Mismatches 17; Indels 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1; Length 414;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 5
US-08-560-098A-52
Sequence 52, Application US/08560098A
Patent No. 5976841
GENERAL INFORMATION:
APPLICANT: WRENDY, Stephan
APPLICANT: HEINZEL-WIELAND, Regina
APPLICANT: STEFFENS, Gerd Josef
TITLE OF INVENTION: Coagulation-inhibiting Properties
TITLE OF INVENTION: Coagulation-inhibiting Properties
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1; Length 414;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;Patent No. 5240845
APPLICANT: FUJII, SETSURO;TAKADA, KAORUKO;. KATANO, TAMIKI;
;MAJIMA, EIJI;OGINO, KOICHI;ONO, KENJI;SAKATA, YASUYO;UENOYAMA,
;TSUTOMU
                                                                                                                                                                                                                   5240845-1; Patent No. S240845; Patent No. S240845; Patent No. S240845; Paticant: FUJII, SETSURO;TAKADA, KAORUKO;. KATANO, TAMIKI; MAJIMA, EIJI;OGINO, KOICHI;ONO, KENJI;SAKATA, YASUYO;UENOYAMA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: MUTATED STREPTOKINASE PROTEINS NUMBER OF SEQUENCES: 65 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/549,049
FILING DATE: 06-JUL-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: MUTATED STREPTOKINASE PROTEINS NUMBER OF SEQUENCES: 65
UNRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/549,049
FILING DATE: 06-JUL-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSE: Evenson, McKeown, Edwards & Lenahan
STREET: 1200 G Street, N.W., Suite 700
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 5.0%; Score 31.5; DB 1; Best Local Similarity 32.0%; Pred. No. 0; Matches 16; Conservative 8; Mismatches 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8; Mismatches 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 5.0%; Score 31.5; Best Local Similarity 32.0%; Pred. No. 0; Matches 16; Conservative 8; Mismatches
      5.0%;
      Query Match
Best Local Similarity 32.04
Matches 16; Conservative
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Gaps

Indels

Length 440;

DB 1;

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Search completed: May 11, 2005, 08:28:59 Job time: 0.001 secs
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                                                                                                                                        ; Sequence 2, Application US/09940235; Publication No. US20030059921A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 2
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Publication No. US20040009550A1
GENERAL INFORMATION:
APPLICANT: Moll, Gert N.
APPLICANT: Leenhouts, Cornelis J.
TITLE OF INVENTION: Export and modification of (poly) peptide in the lantibiotic way FILE REFERENCE: 2183-5673
CURRENT FILING DATE: 2003-02-07
CURRENT FILING DATE: 2002-05-24
NUMBER OF SEQ ID NOS: 309
SOFTWARE: ParentIn version 3:1
SEQ ID NO 264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Э.
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Sequence 2, Appli
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                                                                                                                May 11, 2005, 08:28:59 ; Search time 0.001 Seconds (without alignments) 90.970 Million cell updates/sec
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                                                                                                                                                                                                                                              1 PIAEKCFDHAAGTSYVVGET......ERHTSVQTTSSGSGPFTDVR 110
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                           Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       413 1 US-10-360-101-264
414 1 US-09-940-235-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) OTHER INFORMATION: sequence of streptokinase US-10-360-101-264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                         BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                        2 segs, 827 residues
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Maximum DB seq length: 200000000
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Match Length DB
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627
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31.5
                                                                                                                                                                                                                               Perfect score:
                                                                                                                                                                                                                                                                                            Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Database :
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'SCHORLO. 2

'SCHORLO. 3

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Run on:

Sequence:

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ISOLATE: Malke, H., Roe, B., and Ferretti, J. J.;
ISOLATE: "Nucleotide sequence of the streptokinase gene from Strepto
ISOLATE: equisimilis H46A" from Gene 34:357-362 (1985).
Streptococcus equisimilis H46A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   537 GAGACCTGGAGATCGTCATCAGGGTTTAAGGGAGTAAACTGTACAGTATATTCCAC 478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Reed, GUY L.
TITLE OF INVENTION: BACTERIAL FIBRIN-DEPENDENT PLASMINOGEN ACTIVATOR NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWBERG & SUNSTEIN, LLP
STREET: 125 Summer Street
Preparation of novel streptokinase mutants as improved thrombolytic agents
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            168 GluThrTrpGlu-LysProTyrGlnGlyTrpMetMetValAspCysThr---
                                     NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS: 2
CORRESPONDENCE ADDRESS: 3
STREET: Two No. 5876999th Second Street, Suite 290
CITY: San Jose
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length:
Matches:
Conservative:
Mismatches:
Indels:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-940-235-4 (1-259) x US-08-568-393B-1 (1-1242)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 184 -----CysLeuGly 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Streptococcus equisimilis H46A INDIVIDUAL ISOLATE: MAILe, H., Roe, B., a INDIVIDUAL ISOLATE: "Nucleotide sequence INDIVIDUAL ISOLATE: equisimilis H46A" fro
                                                                                                                                                                                      ZIP: 95113
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44MB
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1 on Window
                                                                                                                                                                                                                                                                                                                                                              US/08/568,393B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-211-542A-5/c
; Sequence 5, Application US/09211542A
; Zetent No. 6210667
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Ch.-Ping Chang
REGISTRATION NUMBER: 37,798
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (408) 288-8585
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 1242 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (408) 288-8386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION: 435
TITLE OF INVENTION:
                   INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               z
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ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Percent Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-568-393B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score:
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-MODEL=frame+ pl. model - DEV=soft - Q=Pending Patents AA Main:US-09-940-235-4
-MODEL=frame+ pl. model - DEV=soft - 10. 259 - Main:US-09-10. - LOOPCL=0
-LOOPEXT=0 - UNITS=bits - START=150 - END=259 - MATRIX=blosum62 - TRANS=human40.cdi
-LIST=45 - DOCALIGN=200 - THR SCORE=pct - THR MAX=100 - THR MIN=0 - ALIGN=45
-MODEL-LOCAL - OUTPWIT-PRO - NORM=ext - HEAPSIZE=500 - MINIDN=0 - MAXLEN=2000000000
-NCPU=6 - NO XLPXY - NGS SCORES=0 - LONGLOG - THREADS=1 - XGAPEXT=0 - SGAPEXT=0.5
-FGAPOP=6 - FGAPEXT=7 - YGAPOP=10 - YGAPEXT=0.5 - DELOP=6 - DELEXT=7
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Sequence 5, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 5, Appli
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Patent No. 5240845
Patent No. 5240845
Patent No. 5240845
                                                                                                                                       May 11, 2005, 08:40:10 ; Search time 0.001 Seconds (without alignments) 1622.060 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                         1 PIAEKCFDHAAGTSYVVGET......ERHTSVQTTSSGSGPFTDVR 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         10
                   GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                       nucleic search, using frame_plus_p2n model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-211-542A-1
US-09-211-542A-1
US-08-568-393B-1
US-09-211-542A-5
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US-09-211-542A-5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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                                                                                                                                                                                                                                                                                                              BLOSUM62
Xgapop 10.0, Xgapext
Ygapop 10.0, Ygapext
Fgapop 6.0, Fgapext
Delop 6.0, Delext
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1, Application US/08568393B Patent No. 5876999 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                5 segs, 7373 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 seq length: 0
seq length: 200000000
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                                                                                                                                                                                                                               US-09-940-235-4
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APPLICANT: Guey-Yueh Shi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1242
1242
12385
1245
11242
11242
1262
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Match
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US-08-568-393B-1/c
                                                                                                                                                                                                                                                     Perfect score:
                                                                                                                                                                                                                                                                                                                   Scoring table:
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33.5
33.5
31.5
31.5
31.5
27.2
27.2
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Database :

Result No.

Minimum DB Maximum DB

Searched:

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1680 gagaccirégrergadaregreareaggerrrangggagidanerigidégerararrecae 1621
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APPLICANT: Reed, Guy L.
APPLICANT: Reed, Guy L.
TITLE OF INVENTION: BACTERIAL FIBRIN-DEPENDENT PLASMINOGEN ACTIVATOR NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROMBERG & SUNSTEIN, LLP
STREET: 125 Summer Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  168 GluThrTrpGlu-LysProTyrGlnGlyTrpMetMetValAspCysThr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBW PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATENTIN Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/211,542A

FILING DATE: 15-December-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-940-235-4 (1-259) x US-09-211-542A-1 (1-2385)
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1620 ATCAACAGATTTCGCTTGGTTTTGTATTGGT 1590
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              --CysLeuGly 186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels:
                                                                                                                                                      NAME: Attorney, Strimpel, Harriet M. REGISTRATION NUMBER: 37,008
REFERENCE/DOCKET NUMBER: 1874/111
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Attorney, Strimpel, Harriet M.
APPLICATION NUMBER: US/09/211,54:
FILING DATE: 15-December-1998
CLASSIFICATION: 1653
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/069,497
FILING DATE: 15-December-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 1653
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/669,497
FILING DATE: 15-December-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/09211542A Patent No. 6210667
                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTER STICS: LENGTH: 2385 base pairs TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                  (617)443-9292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       33.50
41.94%
32.26%
5.34%
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STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1..2385
                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: cDNA FEATURE:
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LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:

APPLICANT: Reed, Guy L.

TITLE OF INVENTION:

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: BROWBERG & SUNSTEIN, LLP

STREET: 125 Summer Street

CITY: BOSTON

STREET: MASSACHUSELTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 168 GluThrTrpGlu-LysProTyrGlnGlyTrpMetMetValAspCysThr
                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PatentIn Release #1.0, Version #1.25
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Mismatches:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-940-235-4 (1-259) x US-09-211-542A-5 (1-1242)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels:
                                                                                                                                                                                                   APPLICATION NUMBER: US/09/211,542A
FILING DATE: 15-December-1998
CLASSIPFICATION 1653
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/069,497
FILING DATE: 15-December-1997
ATTORNEY/AGENT INFORMATION:
NAME: ALCOTHROY, Strimpel, Harriet M.
REGISTRATION NUMBER: 37,008
REFERENCE/DOCKET NUMBER: 1874/111
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAX: (617)443-9292
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; Sequence 1, Application US/09211542A
; Patent No. 6210667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 02110
COMPUTER READABLE FORM:
BEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (617)443-0004
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 1242 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    41.94%
32.26%
5.34%
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  Massachusetts
                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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Best Local Similarity:
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US-09-211-542A-5
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ORGANISM: Streptococcus equisimilis H46A
INDIVIDUAL ISOLATE: Malke, H., Roe, B., and Ferretti, J. J.;
INDIVIDUAL ISOLATE: "Nucleotide sequence of the streptokinase gene from Strepto
INDIVIDUAL ISOLATE: equisimilis H46A from Gene 34:357-362 (1985).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               203 GlnAspThrArg-----ThrSerTyrArgIleGlyAspThrTrpSerLysLysAspAsn 220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 221 ArgGlyAsnLeuLeu-----GinCysileCysThrGlyAsnGlyArgGlyGluTrp 237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           595 ------Tracragereaageacadaagearitraaacaaaaaceaceaggerarace 645
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Reed, GUY L.
TITLE OF INVENTION: BACTERIAL FIBRIN-DEPENDENT PLASMINOGEN ACTIVATOR
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROMBERG & SUNSTEIN, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patentin Release #1.0, Version #1.25
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Matches:
Conservative:
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Indels:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               646 ATTTATGAACGTGACTCCTCAATCGTCACT 675
        WordPerfect 6.1 on Window 3.1
                                                  US/08/568,393B
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APPLICATION NUMBER: US/09/211,542A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5, Application US/09211542A; Patent No. 6210667; GENERAL INFORMATION:
                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Chi-Ping Chang
REGISTRATION UNDHERS:
TELECOMMUNICATION INFORMATION:
TELEFROME (408) 288-8585
TELEFRAX: (408) 288-8585
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                           LENGTH: 1242 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4.04
31.50
48.00%
32.00%
5.02%
        SOFTWARE: WordPerfect CURRENT APPLICATION DATA:
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STATE: Massachusetts
                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                          linear
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                                                                                            CLASSIFICATION:
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ORIGINAL SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       151 IleAlaGluLysCysPheAspHisAlaAlaGlyThrSerTyrValValGlyGluThrTrp 170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               907 GTAGCGCTGAAGTCTTACGAGGAAGAGTTGGCGAAAGATCCACGTATTGCCGCCACCATG 966
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              179 MetValAspCysThrCysLeuGlyGluGlySerGlyArglleThrCysThrSerArgAsn 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     219 AspAsnArgGlyAsnLeuLeuGlnCysIleCysThrGlyAsnGlyArg------Gly 235
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APPLICANT: Hua-Lin Wu
APPLICANT: Guey-Yueh Shi
TITLE OF INVENTION: Preparation of novel streptokinase
TITLE OF INVENTION: mutants as improved thrombolytic agents
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                            2385
22
10
42
32
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Two No. 5876999th Second Street, Suite 290
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Conservative:
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REGISTRATION NUMBER: 37,008
REFERENCE/DOCKET NUMBER: 1874/111
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)443-9292
TELEPHONE: (617)443-0004
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2385 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS
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33.00
30.19%
20.75%
5.26%
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STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                        1..2385
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Best Local Similarity:
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                                                                                                                                                                                                                                                                                       NAME/KEY:
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Pred. No.:
                                                                                                                                                                                                                                                                                                             LOCATION:
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203 GlnaspThrArg-----ThrSerTyrArgileGlyAspThrTrpSerLysLysAspAsn 220
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538 AAAGACACTAAACTGCTGAAAACCCTGGCTATCGGTGACACCATCACTTCTCAGGAG--- 594
                                   221 ArgGlyAsnLeuleu-----GlnCysileCysThrGlyAsnGlyArgGlyGluTrp 237
                                                                           -----crecrescreaceacacacrearecreaseasasacearecesecracaer 645
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Fatent No. 5240845; Patent No. 5240845; APPLICANT: FUJII, SETSURO; TAKADA, KAORUKO; KATANO, TAMIKI; MAJIMA, EIJI; OGINO, KOICHI; ONO, KENJI; SAKATA, YASUYO; UENOYAWA,
                                                                                                                                                                                                                            Patent No. 5240845; APLICANT: FUJII, SETSURO;TAKADA, KAORUKO; KATANO, TAMIKI
MAJIMA, EIJI;OGINO, KOICHI;ONO, KENJI;SAKATA, YASUYO;UENOYAWA,
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13
3
16
4
                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: MUTATED STREPTOKINASE PROTEINS NUMBER OF SEQUENCES: 65
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/549,049
FILING DATE: 06-JUL-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: MUTATED STREPTOKINASE PROTEINS NUMBER OF SEQUENCES: 65
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Matches:
Conservative:
Mismatches:
Indels:
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Matches:
Conservative:
Mismatches:
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                                                                                                                 238 LysCysGluArgHisThrSerValGlnThr 247
                                                                                                                                      646 ATCTACGAACGCGACTCTTCCATCGTAACC 675
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Gaps:
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APPLICATION NUMBER: US/07/549,049
FILING DATE: 06-JUL-1990
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48.00%
32.00%
5.02%
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44.448
36.118
4.318
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Best Local Similarity:
Query Match:
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Best Local Similarity:
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Pred. No.:
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                                                                               595
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           221 ArgGlyAsnLeuLeu------GlnCysIleCysThrGlyAsnGlyArgGlyGluTrp 237
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5240845-2;
Patent No. 5240845; APPLICANT: FUJII, SETSURO; TAKADA, KAORUKO;. KATANO, TAMIKI;
MAJIMA, EIJI; OGINO, KOICHI; ONO, KENJI; SAKATA, YASUYO; UENOYAMA,
;TSUTOMU
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Mismatches:
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Matches:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length:
Matches:
                 CLASSIFICATION: 1653
PRIOR APPLICATION: 1653
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/069,497
FILING DATE: 15-December-1997
ATTORNEY/AGENT INFORMATION:
NAME: Attorney, Strimpel, Harriet M.
REFEISTRATION NUMBER: 37,008
REFERENCE/DOCKET NUMBER: 1874/111
TELECOMMUNICATION INFORMATION:
TELEFRAX: (617)443-0202
TELEFRAX: (617)443-0004
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 1242 base pairs
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: CDNA FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Percent Similarity:
Best Local Similarity:
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Best Local Similarity:
                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: CDS
; LOCATION: 1..1
US-09-211-542A-5
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Query Match: DB:

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Score:

SEQ ID NO:2:

5240845-2

Query Match: DB:

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Score:

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221 ArgGlyAsnLeuLeuGlnCysIleCysThr---GlyAsnGlyArgGlyGlu----- 236
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               237 TrpLysCysGluArgHisThrSerValGlnThrThrSerSerGlySer 252
                                                                   ||| :::||| ||| :::||| 114 GAAAATITICAGAGAGATGTCCTGGTTAGTACCTTCAACAGTGCCAGC 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     524045-3/c

524045-3/c

5240845

FABLICANT: FUJII, SETSURO; TAKADA, KAORUKO; KATANO, TAMIKI;

FABLICANT: FUJII, SETSURO; TENJI; SAKATA, YASUYO; UENOYAMA,

FISUTOMU
                                                                                                                                                                                                      TITLE OF INVENTION: MUTATED STREPTOKINASE PROTEINS
NUMBER OF SEQUENCES: 65
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/549,049
FILING DATE: 06-JUL-1990
SEQ ID NO:3:
LENGTH: 1262
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Matches:
Conservative:
Mismatches:
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Best Local Similarity:
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Pred. No.:
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Search completed: May 11, 2005, 08:40:11 Job time : 1 secs

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BLOSUM62 Xgapop 10.0 , Xgapext Ygapop 10.0 , Ygapext Fgapop 6.0 , Fgapext Delop 6.0 , Delext

Scoring table:

US-09-940-235-4

Perfect score:

Run on:

Sequence:

7 segs, 11029 residues

Searched:

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 su

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

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APPLICANT: Sahni, Girish
APPLICANT: Sahni, Girish
APPLICANT: Sahni, Girish
APPLICANT: Sahni, Girish
APPLICANT: Rajagopal, Kammara
APPLICANT: Nihalani, Deepak
APPLICANT: Nihalani, Deepak
APPLICANT: Sundaram, Vashdha
APPLICANT: Triba OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: PROTEIN:
TITLE OF INVENTION: PROTEIN:
TITLE OF INVENTION: PROTEIN:
TITLE OF INVENTION: PROTEIN:
FILING DATE: 1090-12-23
CURRENT APPLICATION NUMBER: 1094-12-24
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9
LENGTH: 1541
TUDE OF LINE APPLICANTON
SEQ ID NO 9
LENGTH: 1541
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1449 ACAGGCAACGCCCGAGGAGAGTGGAAGTGTGAGAGGCACACCTCTGTGCAGACCACATCG 1508
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ProlleAlaGluLysCysPheAspHisAlaAlaGlyThrSerTyrValValGlyGluThr
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Hybrid cassette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
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APPLICANT: Sahni, Girish
APPLICANT: Roy, Chait
APPLICANT: Rajagopal, Kammara
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-MODEL=frame+ p2n.model -DEV=soft -O=Pending Patents AA Main:US-09-940-235-4
-MODEL=frame+ p2n.model -DEV=soft -O=Pending Patents AA Main:US-09-940-235-4
-DB=rnpb2.pep -SUFFIX=pto -OUT=align4 150 259 rnpb -MINMATCH=0.1 -LOOPCL=0
-LOOPEXT=0 -UNITS=bits -START=150 -EMD=2559 -MATRIX=blosum62 -TRANS=human40.cdi
-LIST=45 -DOCALIGN=200 -THR SCORE=pct -THR MAX=100 -THR MIN=0 -ALIGN=45
-NODE_LOCAL -OUTFWT=pto -NOFM=ext -HRAPSIZE=500 -MINLEN=0 -ALIGN=200000000
-NCPU=6 -NO XLPXY -NEG SCORES=0 -LOONGLOG -THREADS=1 -XGAPOP=10 -XGAPDF=10 -XGAPDP=10 -XGAP
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                                                                                                                                                                                     May 11, 2005, 08:41:41; Search time 0.001 Seconds (without alignments) 2426.380 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, A Sequence 6, A Sequence 5, A Sequence 10,
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Sequence 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                                                                            OM protein - nucleic search, using frame_plus_p2n model
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US-09-940-235-12
US-09-940-235-11
US-09-940-235-10
US-09-940-235-11
US-09-940-235-11
US-09-940-235-1
US-09-940-235-1
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US-09-940-235-6
US-09-940-235-5
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1541 2096 1782 1661 1541 1782 2096 1245 1327 1377 11661 11245 11327

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Query Match Length

Score

Result Ño.

rnpb2.pep:*

Database :

229

249

RESULT 1 US-09-940-235-9 ; Sequence 9, Application US/09940235

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Alignment Scores:
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                 APPLICANT: Sundaram, Vasudha
APPLICANT: Sundaram, Vasudha
APPLICANT: Yadav, Mahavir
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: ROCHELNS POSSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF SAID
TITLE OF INVENTION: PROTEIN
TITLE OF INVENTION: DROTEIN
FILE REFERENCE: 07064-009002
CURRENT FILING DATE: 2002-04-09
PRIOR PLING DATE: 1999-12-23
PRIOR FILING DATE: 1999-12-24
NUMBER OF SEQ ID NOS: 28
SOFTMARE: PastSEQ for Windows Version 4.0
SEQ ID NO 1805
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US-09-40-235-11
Squence 11, Application US/09940235
Squence 11, Application US/09940235
Squence 11, Application No. US20030059921A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Sahmi, Girish
APPLICANT: Rajagopal, Kammara
APPLICANT: Nihalani, Deepak
APPLICANT: Sundaram, Vasudha
APPLICANT: Yadav, Mahavir
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: PROTEINS POSSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF SAID
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Matches:
Conservative:
Mismatches:
Indels:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Hybrid cassette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
Nihalani, Deepak
Sundaram, Vasudha
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627.00
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APPLICANT: Kumar, Rajesh
APPLICANT: Kumar, Rajesh
APPLICANT: Sahni, Girish
APPLICANT: Roy, Chait
APPLICANT: Rajagopal, Kammara
APPLICANT: Nihalani, Deepak
APPLICANT: Sundaram, Vasudha
APPLICANT: Sundaram, Vasudha
APPLICANT: Yadav, Mahavir.
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: PROTEINS POSSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF SAID
TITLE OF INVENTION: PROTEIN
FILE REFERENCE: 07064-009002
CURRENT APPLICATION NUMBER: US/09/940,235
CURRENT PILLING DATE: 2002-04-09
PRIOR FILING DATE: 1999-12-23
PRIOR FILING DATE: 1999-12-23
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Matches:
Conservative:
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Indels:
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      FILE REPERENCE: 07064-009002
GURRENT APPLICATION NUMBER: US/09/940,235
CURRENT FILING DATE: 2002-04-09
PRIOR PILING DATE: 1990-12-23
PRIOR FILING DATE: 1990-12-23
PRIOR FILING DATE: 1990-12-24
NUMBER: OF SEQ ID NOS: 28
SOFTWARE: F9845EQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 1782
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                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Hybrid cassette
                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
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497.50
85.45%
85.45%
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Query Match:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Percent Similarity:
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Sequence 11, Application US/09940235;
Sequence 11, Application VS20030059921A1;
GENERAL INFORMATION:
APPLICANT: Sahni, Girish
APPLICANT: Sahni, Girish
APPLICANT: Sahni, Girish
APPLICANT: Sundaram, Vasudha
APPLICANT: Nihalani, Deepak
APPLICANT: Sundaram, Vasudha
APPLICANT: Nihalani, Deepak
APPLICANT: Nihalani, Deepak
APPLICANT: Sundaram, Vasudha
APPLICANTON: PROTEINS POSSESSING ALTERED PLASMINOGEN ACTIVATION
FILE REFERENCE: 07064-009002
CURRENT APPLICANTON NUMBER: US/09/940,235
CURRENT APPLICATION NUMBER: US/09/411,349
PRIOR APPLICATION NUMBER: IN 3825/DEL/98
PRIOR PILING DATE: 1998-12-23
PRIOR FILING DATE: 1998-12-24
NUMBRR OF SEO IN NOC: 92
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                                                                                                                                                                                                                                                                                                                                                           172 LysProTyrGlnGlyTrpMetMetValAspCysThrCysLeuGlyGluGlySerGlyArg 191
                                                                                                                                                                                                                                                                     152 AlaGluLysCysPheAspHisAlaAlaGlyThrSerTyrValValGlyGluThrTrpGlu 171
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Matches:
Conservative:
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Matches:
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Hybrid cassette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
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Query Match:
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Best Local Similarity:
                                                                                                               Percent Similarity:
                                               Alignment Scores:
Pred. No.:
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      US-09-940-235-9
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Sequence 9, Application US/09940235

Publication No. US20030059921A1

GENERAL INFORMATION:

APPLICANT: Samiar, Rajesh

APPLICANT: Sahni, Girish

APPLICANT: Shani, Girish

APPLICANT: Nihalani, Deepak

APPLICANT: Nihalani, Deepak

APPLICANT: Nihalani, Deepak

APPLICANT: Sundaram, Vasudha

APPLICATION NUMBER: US/09/940,235

CURRENT APPLICATION NUMBER: US/09/471,349

PRIOR APPLICATION NUMBER: US/09/471,349

PRIOR APPLICATION NUMBER: IN 3825/DEL/98

PRIOR APPLICATION NUMBER: IN 3825/DEL/98

PRIOR APPLICATION NUMBER: IN 3825/DEL/98

SEQ ID NOS: 28

SEQ ID NOS: 28

SEQ ID NOS: 28

SEQ ID NO 94

LENGARA 16 A1
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Matches:
Conservative:
Mismatches:
Indels:
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PRIOR APPLICATION NUMBER: IN 3825/DEL/98
PRIOR FILING DATE: 1998-12-24
NUMBER OF SEQ ID NOS: 28
NUMBER FastSEQ for Windows Version 4.0
SEQ ID NO 10
LENGTH: 1661
                                                                                                                                                                                                   OTHER INFORMATION: Hybrid cassette
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OTHER INFORMATION: Hybrid cassette
                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
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148.50
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37.78%
23.68%
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Best Local Similarity:
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DB:
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                                                                                                                                                                                                                                                                                                                Score:
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168 GlurhrirpGlu-LysProTyrGlnGlyTrpMetMetValAspCysThr
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Matches:
Conservative:
Mismatches:
Indels:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    477 ATCAACAGATTTCGCTTGGTTTTTGTATTGGT 447
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: DNA; ORGANISM: Streptococcus equisimilis US-09-940-235-6
                                                                                                                                                                                                                                                                                                 ORGANISM: Streptococcus equisimilis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6, Application US/09940235
Publication No. US20030059921A1
GENERAL INFORMATION:
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41.94%
32.26%
5.34%
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US-09-940-235-1
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Pred. No.:
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APPLICANT: Kumar, Rajesh
APPLICANT: Rajesh
APPLICANT: Sahni, Girish
APPLICANT: Rajagopal, Kammara
APPLICANT: Rajagopal, Kammara
APPLICANT: Rajagopal, Kaumara
APPLICANT: Nihalani, Deepak
APPLICANT: Nihalani, Deepak
APPLICANT: Sundaram, Vasudha
APPLICANT: Vadav, Mahavir
ITILE OF INVENTION: NOVEL COTO-SPECIFIC STREPTOKINASE
ITILE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF SAID
ITILE OF INVENTION: PROTEIN
ITILE OF INVENTION: PROTEIN
ITILE OF INVENTION: 12002-04-09
CURRENT FILING DATE: 1999-12-23
CURRENT FILING DATE: 1999-12-23
PRIOR FILING DATE: 1999-12-23
PRIOR APPLICATION NUMBER: 1N 3825/DEL/98
PRIOR APPLICATION NUMBER: 1N 3825/DEL/98
NUMBER OF SEQ ID NOS: 28
NUMBER OF SEQ ID NOS: 28
NUMBER OF SEQ ID NOS: 28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           172 LysProTyrGlnGlyTrpMetMetValAspCysThrCysLeuGlyGluGlySerGlyArg 191
--TGCCTGTGCAGATGCACTGGAGCAGGTTTC 425
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Mismatches:
Indels:
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Matches:
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                                   192 IleThrCysThrSerArgAsnArgCys 200
                                                            11: 11|||| 424 CTCGATTATCCTTCTTGCTCCAGGTGT 398
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US-09-940-235-1/C
is Sequence 1, Application US/09940235
is Publication No. US20030059921A1
is GENERAL INFORMATION:
is APPLICANT: Kumar, Rajesh
is APPLICANT: Sahni, Girish
is APPLICANT: Roy, Chait
is APPLICANT: Roy, Chait
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Hybrid cassette US-09-940-235-12
                                                                                                                                                Sequence 12, Application US/09940235 Publication No. US20030059921A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
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Nihalani, Deepak
Sundaram, Vasudha
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US-09-940-235-12/C
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LENGTH: 2096
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JAPELICANT: Kumar, Rajesh
APPLICANT: Kumar, Rajesh
APPLICANT: Sahni, Girish
APPLICANT: Rajacopal, Kammara
APPLICANT: Rajacopal, Kammara
APPLICANT: Rajacopal, Kammara
APPLICANT: Sundaram, Vasudha
APPLICANT: Sundaram, Vasudha
APPLICANT: Vadav, Mahavir
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: PROTEINS POSSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: PROTEINS POSSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: PROTEIN PROSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: PROTEIN PROSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: PROTEIN
FILING DATE: 1999-12-23
PRIOR PPLICATION NUMBER: 1999-12-23
PRIOR PLILING DATE: 1999-12-24
NUMBER OF SEQ ID NOSE: 28
SOFTWARE: FASTSEQ for Windows Version 4.0
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: PROTEINS POSSESSING ALTERED PLASMINOGEN ACTIVATION
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF SAID
TITLE OF INVENTION: PROTEIN
FILE REFERENCE: 07064-009002
CURRENT APPLICATION NUMBER: US/09/940,235
CURRENT APPLICATION NUMBER: 09/471,349
PRIOR FILING DATE: 1999-12-23
PRIOR FILING DATE: 1999-12-24
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 1445
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Percent Similarity:
Best Local Similarity:
Query Match:
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LENGTH: 1661
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APPLICANT: Sahni, Girish
APPLICANT: Sahni, Girish
APPLICANT: Sahni, Girish
APPLICANT: Roy, Chait
APPLICANT: Roy, Chait
APPLICANT: Rojagopal, Kammara
APPLICANT: Sundaram, Vasudha
APPLICANTON: PROTEINS POSSESSING ALTERED PLASMINOCEN ACTI
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPAR,
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPAR,
TITLE OF INVENTION: OFFOREIN
TITLE OF INVENTION: UMBER: U99002
CURRENT APPLICATION NUMBER: U9940,235
CURRENT FILING DATE: 1999-12-3
PRIOR APPLICATION NUMBER: 109411,349
PRIOR FILING DATE: 1998-12-24
NUMBER OF SEQ ID NOS: 28
SOFTWARE: FASTEQ FOR MINDOWS Version 4.0
SEQ ID NO 5
LENGTH: 1337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          168 GluThrTrpGlu-LysProTyrGlnGlyTrpMetMetValAspCysThr-
                                                                                                                                                    168 GluThrTrpGlu-LysProTyrGlnGlyTrpMetMetValAspCysThr-
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                 Conservative:
Mismatches:
Indels:
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Matches:
Conservative:
Mismatches:
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 Matches:
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Gaps:
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APPLICANT: Kumar, Garish; APPLICANT: Roy, Chait
                                                                                                                                                                                                                                                                                                                                           ; Sequence 5, Application US/09940235; Publication No. US20030059921A1; GENERAL INFORMATION:
33.50
41.94%
32.26%
5.34%
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41.94%
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                   Percent Similarity:
Best Local Similarity:
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APPLICANT: Nihalani, Deepak
APPLICANT: Sundaram, Vasudha
APPLICANT: Sundaram, Vasudha
APPLICANT: Sundaram, Vasudha
APPLICANT: Yadav, Mahavir
ITILB OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF SAID
TITLE OF INVENTION: PROTEIN
TITLE OF INVENTION: PROTEIN
TITLE OF INVENTION: PROTEIN
TITLE OF INVENTION OF SAID
TITLE OF INVENTION OF SAID
TITLE OF INVENTION NUMBER: US/09/940,235
CURRENT FILING DATE: 1999-12-23
PRIOR FILING DATE: 1999-12-23
PRIOR FILING DATE: 1998-12-24
NUMBER OF SEQ ID NOS: 28
SOFTMARE: FastSEQ for Windows Version 4.0
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APPLICANT: Rajaopal, Kammua.
APPLICANT: Rajaopal, Kammua.
APPLICANT: Nihalani, Deepak
APPLICANT: Sundaram, Vasudha
APPLICANT: Sundaram, Vasudha
APPLICANT: Sundaram, Vasudha
TITLE OF INVENTION: NOVEL CLOT-SPECIFIC STREPTOKINASE
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF ST
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF ST
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF ST
TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF ST
TITLE OF INVENTION: DATE: 2002-04-09
FILE REPERROCE: 07064-009002
CURRENT APPLICATION NUMBER: 109/471,349
PRIOR FILING DATE: 1999-12-23
PRIOR PILING DATE: 1999-12-24
PRIOR FILING DATE: 1999-12-24
NUMBER OF SEQ IO Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       168 GluThrTrpGlu-LysProTyrGlnGlyTrpMetMetValAspCysThr
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Matches:
Conservative:
Mismatches:
Indels:
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659 ATCAACAGATTTCGCTTGGTTTTGTATTGGT 629
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Hybrid cassette
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Kumar, Rajesh
APPLICANT: Sahni, Girish
APPLICANT: Roy, Chait
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677. -----TIACIAGCICAAGGACAAAGGATTITAAACAAAAACCACCCAGGCIAIACG 727
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Sequence 6, Application US/09940235

Publication No. US20030059921A1

GENERAL INFORMATION:

APPLICANT: Sahni, Girish

APPLICANT: Rajagopal, Kammara

APPLICANT: Rajagopal, Kammara

APPLICANT: Rajagopal, Kammara

APPLICANT: Nihalani, Deepak

APPLICANT: Nihalani, Jagavina APPLICATION

TITLE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION

TITLE OF INVENTION: PROTEIN

TITLE OF INVENTION NUMBER: US/09/940,235

CURRENT FILING DATE: 1999-12-23

PRIOR APPLICATION NUMBER: IN 3825/DEL/98

PRIOR APPLICATION NUMBER: IN 3825/DEL/98

PRIOR APPLICATION NUMBER: IN 398-12-24

NUMBER OF SEQ ID NOS: 28

SEQ ID NO 6

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620 AAAGATACTAAGGTATTGAAAACACTAGCTATCGGTGACCATCACATCTCAAGAA--- 676
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TYPE: DNA
ORGANISM: Streptococcus equisimilis
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Sequence 5, Application US/09940235

Publication No. US2003005921A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Kunat.
APPLICANT: Ray, Chait
APPLICANT: Ray, Chait
APPLICANT: Nihalani, Deepak
APPLICANT: Sundaran, Vasudha
APPLICANT: Yadav, Mahavir
ITILE OF INVENTION: PROTELINS POSSESSING ALTERED PLASNINGEN ACTIVATION
ITILE OF INVENTION: CHARACTERISTICS AND A PROCESS FOR THE PREPARATION OF SAID
ITILE OF INVENTION: PROTEIN
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238 LysCysGluArgHisThrSerValGlnThr 247
                          728 ATTTATGAACGTGACTCCTCAATCGTCACT 757
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Matches:
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CURRENT APPLICATION NUMBER: US/09/940,235
CURRENT FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: 09/471,349
PRIOR FILING DATE: 1999-12-23
PRIOR APPLICATION NUMBER: IN 3825/DEL/98
PRIOR APPLICATION NUMBER: IN 3825/DEL/98
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5
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Job time : 1 secs
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